

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|--|------------------|---------|------------------|
| L1 | 57 | 44/415,451,331.ccls. | US-PGPUB | OR | ON | 2007/01/05 19:53 |
| L2 | 9 | 1 and ethanol.clm. and diesel.clm. | US-PGPUB | OR | ON | 2007/01/05 19:53 |
| L3 | 24 | 44/415,451,331.ccls. and @pd>"20060428" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/05 19:54 |
| S158 | 78 | corkwell adj keith.in. daly adj daniel.in. jackson adj mitchell.in. | US-PGPUB; USPAT | OR | ON | 2007/01/02 13:58 |
| S159 | 18 | S158 and (alcohol ethanol).clm. | US-PGPUB; USPAT | OR | ON | 2007/01/02 13:59 |
| S160 | 12 | S158 and (surfactant emulsifier).clm. | US-PGPUB; USPAT | OR | ON | 2007/01/02 14:04 |
| S161 | 18 | lubrizol.as. and (surfactant emulsifier).clm. and diesel.clm. | US-PGPUB; USPAT | OR | ON | 2007/01/02 14:05 |
| S178 | 19 | ("2334158" "4116644").PN. OR ("4398921").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/02 15:30 |
| S180 | 6 | ("4456454").URPN. | USPAT | OR | ON | 2007/01/02 15:30 |
| S182 | 5 | ("3637357").URPN. | USPAT | OR | ON | 2007/01/04 08:18 |
| S183 | 146 | (emulsifier surfactant) with ((polycarboxylic poly adj carboxylic dicarboxylic di adj carboxylic dimer) near2 acid) and diesel | US-PGPUB; USPAT | OR | ON | 2007/01/04 08:21 |
| S184 | 99 | (emulsifier surfactant) with ((polycarboxylic poly adj carboxylic dicarboxylic di adj carboxylic dimer) near2 acid) and (fuel diesel) and (ethanol ethyl adj alcohol ethylalcohol alkanol) | US-PGPUB; USPAT | OR | ON | 2007/01/04 08:23 |
| S185 | 72 | (emulsifier surfactant) with ((polycarboxylic poly adj carboxylic dicarboxylic di adj carboxylic dimer) near2 acid) and (fuel diesel emulsion) with (ethanol ethyl adj alcohol ethylalcohol alkanol) | US-PGPUB; USPAT | OR | ON | 2007/01/04 08:24 |
| S186 | 24 | (emulsifier surfactant) with ((polycarboxylic poly adj carboxylic dicarboxylic di adj carboxylic dimer) near2 acid) and (fuel diesel emulsion) with (ethanol ethyl adj alcohol ethylalcohol alkanol) and (fuel diesel) | US-PGPUB; USPAT | OR | ON | 2007/01/04 08:38 |
| S187 | 61 | (emulsifier surfactant) with \$11succinic and (fuel diesel emulsion) with (ethanol ethyl adj alcohol ethylalcohol alkanol) and (fuel diesel) | US-PGPUB; USPAT | OR | ON | 2007/01/04 08:28 |
| S188 | 5 | (emulsifier surfactant) with ((polycarboxylic poly adj carboxylic dicarboxylic di adj carboxylic dimer) near2 acid) with (amine alcohol) and (fuel diesel emulsion) with (ethanol ethyl adj alcohol ethylalcohol alkanol) and (fuel diesel) | US-PGPUB; USPAT | OR | ON | 2007/01/04 08:39 |
| S189 | 280 | ((polycarboxylic poly adj carboxylic dicarboxylic di adj carboxylic dimer) near2 acid) with (amine alcohol) and (fuel diesel emulsion) with (ethanol ethyl adj alcohol ethylalcohol alkanol) and (fuel diesel) | US-PGPUB; USPAT | OR | ON | 2007/01/04 08:39 |
| S190 | 93 | ((polycarboxylic poly adj carboxylic dicarboxylic di adj carboxylic dimer) near2 acid) with (amine alcohol) with react\$4 and (fuel diesel emulsion) with (ethanol ethyl adj alcohol ethylalcohol alkanol) and (fuel diesel) | US-PGPUB; USPAT | OR | ON | 2007/01/04 08:39 |
| S191 | 104 | ((polycarboxylic poly adj carboxylic dicarboxylic di adj carboxylic dimer) near2 acid) with (amine alcohol) with (react\$4 derivative) and (fuel diesel emulsion) with (ethanol ethyl adj alcohol ethylalcohol alkanol) and (fuel diesel) | US-PGPUB; USPAT | OR | ON | 2007/01/04 08:40 |

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|----------|------|---|------------------------------|----|----|------------------|
| S19 2 | 148 | ((polycarboxylic poly adj carboxylic dicarboxylic di adj carboxylic dimer) near2 acid) with (amine alcohol) with (react\$4 derivative) and (fuel diesel) with (emulsion ethanol ethyl adj alcohol ethylalcohol alkanol) | US-PGPUB; USPAT | OR | ON | 2007/01/04 08:47 |
| S19 3 | 10 | ("3163603" "3172892" "3184474" "3219666" "3272746" "3307928" "3331776" "3341542" "3346354" "3381022").pn. | US-PGPUB; USPAT | OR | ON | 2007/01/04 08:56 |
| S19 4 | 1521 | (fuel diesel) with (emulsion ethanol ethyl adj alcohol alkanol).ab,clm. | US-PGPUB; USPAT | OR | ON | 2007/01/04 08:58 |
| S19 5 | 642 | S194 and (surfactant emulsifier) | US-PGPUB; USPAT | OR | ON | 2007/01/04 08:57 |
| S19 6 | 163 | (diesel) with (emulsion ethanol ethyl adj alcohol alkanol).ab,clm. and (surfactant emulsifier emulsifying) | US-PGPUB; USPAT | OR | ON | 2007/01/04 08:58 |
| S19 7 | 4 | ("3732084" "4177039").PN. OR ("4469486").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/01/04 09:13 |
| S19 8 | 70 | diesel.ab. and (ethanol ethyl adj alcohol alkanol).ab. | US-PGPUB; USPAT | OR | ON | 2007/01/04 09:14 |
| S19 9 | 0 | ("2005/0166447").URPN. | USPAT | OR | ON | 2007/01/04 09:14 |